

SLANINA, Josef (Praha 9 --- Bulovka, rentg. katedra pro doskol. lekaru v Praze)

X-ray therapy of sterility. Cesk. rentg. 12 no.3:203-205 Sept 58.

1. Rentgen. katedra Ustavu pro doskolovani lekaru v Praze, prednosta  
prim. MUDr. J. Slanina.

(STERILITY, ther.

x-ray, in cases with etiol. of endocrine dysfunct. (Cz))

(RADIOTHERAPY, in various dis.

sterility in cases with etiol. of endocrine dysfunct. (Cz))

SLANINA, Josef; POKORNY, Jaroslav

Rectangular x-ray technic in stomatology. Cesk. rentg. 12 no.4:265-267  
Dec 58.

1. Klin. zakladna rentgen. katedry UDL, prednosta prim. dr. J. Slanina  
a stomatologicke oddeleni, prednosta prim. dr. J. Pokorny, nemocnice  
Bulovky v Praze 8. J. S. Praha VIII - Bulovka.  
(MOUTH, radiography  
rectangular x-ray technic (Cz))

EXCERPTA MEDICA Sec 14 Vol 13/6 Radiology June 59

1205. THE VALUE OF HYDROGEN PEROXIDE AND TANNIC ACID IN CLEANSING ENEMA - Slanina J. Dept. of Radiol., Postgrad. Med. Inst., Bulovka Hosp., Prague - RADIOL. CLIN. (Basel) 1958, 27/4 (197-200)

One-half per cent tannic acid solution was successfully used as a cleansing enema for preparing 1200 patients for an X-ray examination of the abdominal organs, lumbar spine and pelvis, respectively. The results are better than with hydrogen peroxide recommended by other authors.

SLANINA, Josef

Teaching in radiology. Report from the 9th International Conference on Radiology in Munich. Cesk.rentg. 14 no.5:347-351 0 '60.

1. Rentgenologicka katedra UDL (vedouci dr. J.Slanina), Praha 8 -  
Bulovka.  
(RADIOLOGY educ)

SLANINA, J.

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Prague, Rozhledy v Tuberkulóze a v Nemocích Plicních,  
Vol XXI, No 7, August 1961, pp 521-523

Source:

"Calcified and Ossified Tuberculomas of the Brain."

Data:

Authors:

KRIVINKA, Rudolf, Doc Dr, Institute for Postgraduate Medical Training  
(Ústav pro doskolování lékařů), Prague; Department of Tuberculosis  
(katedra tuberkulózy), Chief (Prednosta): Doc Dr Rudolf Krivinka;  
Department of Pathological Anatomy (katedra patologické anatomie),  
Chief (Prednosta): Doc Dr Josef Vlkický; Department of Rentgenology  
(katedra rentgenologie), Chief (Prednosta): Dr Josef Slanina  
KRUML, J, Degrees not given, Institute of Public Health (ÚHIZ Ústav  
narodního zdraví), IV hl m [abbreviation not identified], Prague,  
the Hospital in Bulovec, Neurological Department (neurologické oddělení),  
Chief (Prednosta): Prof Dr Otakar Janota  
With the co-operation of R Vojár and J Slanina

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SLANINA, J.

Organization of roentgenological service in the USSR. Cesk.  
rentgen. 17 no.5:346-349 S '63.

1. Rentgenologicka katedra UDL v Praze, vedouci MUDr. J.  
Slanina.

(RADIOGRAPHY) (RADIOLOGY)

CZECHOSLOVAKIA / Virology. Human and Animal Viruses. E-3

Abs Jour: Ref Zhur-Biol., No 10, 1958, 43060.

Author : Slanina, L., Gdovin, T.

Inst : Not given.

Title : Effect of Ultrasound on the Virus of Teshen Disease.

Orig Pub: Veterin. casop., 1957, 6, No 1, 22-28.

Abstract: A 10% suspension of the spinal cord from swine infected by the virus was treated by sound from a generator of 100 watt capacity, tension of 1300 volts, current power 240 amperes, for a period of 15 minutes at 23°. In two experiments no effect of ultra-sound was found on virus infectiousness and on the duration of the incubation period. From author's resume.

Card 1/1

CZECHOSLOVAKIA

SLANINA, L.; BARTKO, P.; SITKO, M.; Veterinary Faculty, College of Agriculture (Veterinarska Fakulta VSP), Kosice.

"Acidity of Abomasum in Cattle."

Prague, Veterinari Medicina, Vol 11, No 10, Oct 66, pp 603-611

Abstract /Authors' English summary modified/: Actual and titration acidity of abomasum in cattle was studied by the method of permanent fistula and after the puncture of the abomasum. Indirect determination using ion-exchangers and later determining these in the urine was also used. The pH found was 2.92. Trends observed during the various periods of the day and during fasting are described. 4 Figures, 4 Tables, 12 Western, 2 Czech references. (Manuscript received 18 Mar 66).

SLANINA, V.; KHVOYKA, M. [Chvojka, M.]

Solution of technical problems of deep well boring in  
complicated conditions. Prace ust naft 18:62-63 '61.



SLANINKA, Pavol, inz.

Lightning-proof weak-current cable. El tech obzor no.10:542-  
543 0 '62.

1. Vyskumny ustav kablov a izolantov.

SLANINKA, Pavol, inz.

Loading capacity of power cables at various heat resistance  
of soil and resistance variations in cable run direction.  
Energetika Cz 12 no.3:124-128 Mr '62.

1. Vyzumny ustav kablov a izolantov, Bratislava.

MARSAL, Moroslav, inz., C.Sc.; SLANINKA, Pavel, inz.

Calculation of loading capacity of overhead power cables under variable load. Energetika Cz 12 no.7:344-399 J1 '62.

1. Vyskumny ustav kablov a izolantov, Bratislava.

●LANINKA, Pavol, inz.

Effect of the layer thickness on the electric strength of  
insulating materials. El tech obzor 51 no.8:396-401 Ag '62.

1. Vyskumny ustav kahlov a izolantov, Bratislava.

SIANINKA, Pavol, inz.

Loading capacity of single-strand cables installed individually or in bundles. Energetika Cz 13 no.12:631-635 D '63.

1. Vyskumny ustav kablov a izolantov, Bratislava.

SLANINKA, Pavol, inz.

Calculation of the permanent load capacity of power cables  
installed individually or in bundles in open space. Ener-  
getika Cz 14 no. 3: 111-118 Mr '64.

1. Research Institute of Cables and Insulators, Bratislava.

SLANIEKA, Pavel, ing.

Specific thermal resistivity of soil and the method of its measurement. Energetika Cz. 14 no.5:220-224 My '64.

1. Research Institute of Cables and Insulators, Bratislava.

SLANINKA, Pavol, inz.

External thermal resistance of power cables installed in the  
air. El tech cas 15 no.1:27-46 '64.

1. Vyskumny ustav kablov a izolantov, Bratislava, Tovarenska  
12.



СИЛОНКА, Р., инж.

Determination of voltage and induced current in the metallic sheath of single conductor cables. El tech obzor 53 no.8:460-461 Ag '64.

SLANINKA, Pavel, inz.; FEDOR, Robert, inz.

Impedance of steel conduits used for protective grounding.  
Elektrotechnik 19 no.11:311-314 N '64.

1. Research Institute of Cable and Insulators, Bratislava.

SLANINKA, Pavel, inz.

Calculation of the current for heating cables wound on a drum.  
Energetika Cz 15 no.2:57-61 F '65.

1. Research Institute of Cables and Insulators, Bratislava.

1. 20761-65

ACC NR: AP6029708

SOURCE CODE: CZ/0017/65/054/006/0283/0287

AUTHOR: Slaninka, Pavol (Engineer)

2<sup>0</sup>  
B

ORG: VUKI, Bratislava

TITLE: Loading of the neutral conductor and its influence on the current-carrying capacity of power cables with sector-shaped conductors

SOURCE: Elektrotechnicky obzor, v. 54, no. 6, 1965, 283-287

TOPIC TAGS: electric cable, electric conductor

ABSTRACT: The article deals with the influence of the neutral conductor loading current on the current-carrying capacity of power cables with sector-shaped conductors. Numerical values of correction factors are given. It was found that a simple assumption of a constant sum of conductor losses does not agree sufficiently with the experimental data. Orig. art. has: 3 figures, 9 formulas and 3 tables. [JPRS: 32,482]

SUB CODE: 09 / SUBM DATE: 20Feb65 / OTH REF: 003

Card 1/1

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0912 0184

ANDRASINA, J.; MERWART, Zd.; MILAR, A.; technicky spolupracovali: KRUPOVA, C.;  
SLANINOVA, B.; SPISIAKOVA, M.

Albumin as a substitute for protein solutions in shock control.  
(Experience with 20 per cent albumin produced in Czechoslovakia).  
Rozhl. chir. 41 no.10:641-653 0 '62.

1. Vedecke laboratorium chirurgickej kliniky Lekarskej fakulty  
Univerzity P.J.Safarika v Kosiciach, riaditel prof. dr. J. Knazovicky  
Ustav ser a ockovacich latok, Praha, pobočka Sarisske Michalany.  
(SHOCK) (ALBUMINS) (PLASMA SUBSTITUTES)

ZELENKA, J.; SLANINOVA, B.

Changes in labyrinth function due to aging. Cesk. otolaryng.  
13 no.1:21-26 F'64.

1. Otolaryngologicka klinika lekarske fakulty hygienicke KU  
v Praze; prednosta: MUDr. Vl. Hlavacek, DrSc.

\*

ANDRASINÁ I.; ROZDOBUĐKOVÁ, V.; Technická spolupráce: SLANINOVÁ, B.;  
ŠÁKOVÁ, B.

On changes in the level of iron and copper in the serum after  
their intravenous administration in patients with peptic ulcer  
and other chronic diseases. Bratisl. lek. listy 44 no.4:205-214  
31 Ag '64.

1. Vedecké laboratorium pri Chirurgickej klinike Lek. fak. Uni-  
verzity P.J. Safarika v Kosiciach (veduci prof. MUDr. Jan Knazo-  
vický).

SLANOVEC, M.

"KE-9 glider," Narodna Krila, Beograd, Vol 6, No 1, Jan./Feb. 1953, p. 6.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.



SLANOVEC, M.

"Analysis of the theoretical and practical results of the KP-9 glider," Narodna Krila, Geograd, Vol 6, No 4, July/Aug. 1953, p. 2.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

SLANSKY, JARMILA  
SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation:

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 2, 1961,  
pp 148-156.

Data: "Clay Minerals Occuring on the Fissures of Granite at Dunajovice  
in Southern Moravia."

Authors: SLANSKY, Ervin /presumably/ Central Institute of Geology (Ustredni  
geologicky ustav), Prague.

SLANSKA, Jarmila /presumably/ Geological Surveying National Enter-  
prise (Geologicky pruzkum n.p.), Prague.

670 981643

BOUSKA, Vladimír

BOUSKA, Vladimír

SURNAME (in caps); Given Names

Country: Czechoslovakia

/not given/

Academic Degrees:

Central Institute of Geology (Ústřední ústav geologický),

Affiliation: Prague

Source: Prague, Vestník Ústředního Ústavu Geologického, Vol XXXVI, No 2,  
1961, pp 261-272.

Data: "Petrographical Examination of Quartzes and Zliv Conglomerates  
From the Basins of Southern Bohemia."

Co-Author:

SLANSKA, Jarmila,

Chair of Mineralogy, Geochemistry,  
and Crystallography (Katedra mineralogie, geo-  
chemie a krystalografie), Faculty of Natural  
Sciences (Fakulta přírodovědecká), KU /Karlova  
universita; Charles University/, Prague.

SLANSKA, Jarmila

Contribution to the petrography of Lipnice beds in the Trebon  
Basin. Vest Ust geol 39 no.3:169-179 My '64.

1. Central Geological Institute, Prague.

CZECHOSLOVANIA

SLANSKA, J.

Central Institute of Geology (Ustredni ustav geologiccky),  
Prague

Prague, Vestnik ustredniho ustavu geologickeho, No 6, 1963,  
pp 367-383

"results of Petrographical Investigation of the Klikov  
and Mydlovary Beds."

GABURKOVA, M.; MALECHA, A.; REHAKOVA, Z.; SLANSKA, J.

Further data on the geological position and age of the Zliv series  
of strata in south Bohemian basins. Vest Ust geol 39 no.4:243-250  
'64.

1. Central Geological Institute, Prague.

ALLEN, H. L. 1916, S.

Ecology of the fertility of two important forests in Croatia. p. 121.  
(GLSIF, Series 11/3, v. 4/6, 1950/52, Zagreb, Yugoslavia)

SO: Monthly list of East European Accessions, (EEL), LC, Vol. 4, no. 1  
Jan. 1955, Incl.

SLANSKAYA, M.

Gas Industry Pavillion at the All-Union Exposition of the  
Achievements of the National Economy. Gaz. prom. 9 no.2:  
26a-26d '64. (MIRA 17:9)



AZHOTKIN, G.I., red.; BESEDINA, O.S., red.; GIL', B.V., red.;  
DULEYEV, Ye.M., red.; IVANTSOV, O.M., red.; KOGAN, G.Ye.,  
red. [deceased]; KUZNETSOV, P.L., red.; LEVIN, F.D., red.;  
SLANSKIY, D.A., red.; TELKOV, I.K., red.; KOMAROVA, L.,  
ved. red.; KHRYASTOV, Yu., ved. red.

[Contribution of young specialists to the gas industry]  
Vklad molodykh spetsialistov v gazovuiu promyshlennost'.  
Moskva, 1964. 459 p. (MIRA 18:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy proizvodstvennyy  
komitet po gazovoy promyshlennosti.

SLANSKIY, S.

Automatic taximeters. Avt.transp. 35 no.4:35 Ap '57.

(MLRA 10:5)

1.Glavnyy inzhener Alma-Atinskoy avtobazy no.1.  
(Taxicabs)

SLANSKY, A.; WOLLMANN, J., inz.

The importance and economy of capillary soldering. Stroj vyr  
10 no.2:80-83 '62.

KOLLMANN, J., 173.; SLANSKY, A.

Jiri Krechler (inz.); obituary. EI tech obzor 54 no.1:56 Ja '65.

Slánský, Adolf

Reactor for dissociation of ammonia. Adolf Slánský and  
Jaroslav Wollmann. Czech. 85,394, Dec. 1, 1955.  
L. J. Urbánek

SLANSKY, A.

"Metallic bellows and corrugated sleeves." p. 743.

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO  
STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)  
Praha, Czechoslovakia, Vol. 5, no. 10, Oct. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

SLANSKY, Bohuslav, inz.

Steel molds for the production of standard road bridge girders.  
from prestressed concrete. Inz stavby 13 no.3:123-128 Mr '65.

1. Dopravni stavby, Olomouc.

Czechoslovakia/Cosmochemistry - Geochemistry. Hydrochemistry, D

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 725

Author: Slansky, E.

Institution: None

Title: On the Study of Nickel Hydrosilicates from the Kremze Area, Southern Czechoslovakia

Original  
Periodical: Univ. Carolina. geol., 1955, Vol 1, No 1, 1-28 (published in Czech with summaries in Russian, German, and English)

Abstract: Microscopic, X-ray spectroscopic, thermal, and spectroscopic methods were used in the investigation of the rare minerals pimilite  $(\text{Ni}, \text{Mg})_3[(\text{OH})_8(\text{Si}_4\text{O}_{10})] \cdot n\text{H}_2\text{O}$  and nepouite ("revdinskite")  $(\text{Ni}, \text{Mg})_6[(\text{OH})_8(\text{Si}_4\text{O}_{10})]$ , which are products of the disintegration of serpentine. For comparison purposes X-ray spectroscopic and thermal analyses were made on pimilite samples from Frankenstein (Zambkovitsa) in Silesia. On the basis of these analyses the author is of the opinion that pimilite cannot be classified in the monmorillonite group, as

Card 1/2



Czechoslovakia/Cosmochemistry - Geochemistry. Hydrochemistry, D

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 725

Abstract: proposed by Strunz (H. Strunz, Mineralogische Tabellen, Second Edition, Leipzig, 1949), while nepouite appears to be a typical representative of the serpentine group. Five spectroscopic analyses on both minerals showed the presence in varying proportions of the following elements: Mg, Ni, Si, Mn, Fe, Ca, Al, Ba, Cu, Ti, Cr, Zn, Na, Mg, and Sr.

Card 2/2

SLANSKIY, Ervin.

~~no. 1:43-46~~ Beta-cerolite from Kremze, Czechoslovakia. Zap.Vses.min.ob-va 84  
no.1:43-46 '55. (MIRA 8:5)

1. Kafedra geokhimii, mineralogii i kristallografii Karlova universi-  
teta. Praga, Chekhoslovakiya.  
(Kremze, Czechoslovakia - Cerolite) (Cerolite - Kremze, Czecho-  
slovakia)

SLANSKY, ERVIN

15  
Polymorphic modifications of the mineral Ervin Slansky  
Chapite mineral, part 1, 359-09 (1966) - a review with 24  
references. Michael Klebischer 7/11

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any

SLANSKY, E.

Technique of the roentgenometric study of clay minerals. p. 172.  
(Casopis Pro Mineralogii A Geologii, Vol. 2, no. 2, 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

CZECHOSLOVAKIA / Cosmochemistry. Geochemistry. Hydrochemistry.

D

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, No. 34543

Author : Slansky, Ervin

Inst : ~~Not given~~

Title : Two New Classifications of Clay Minerals

Orig Pub : Casop. mineral. a geol., 1958, 3, 358-362

Abstract : No abstract given

Card 1/1

SLANSKY, ERVIN  
SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation:

Source: Prague, Casopis pro Mineralogii a Geologii, Vol VI, No 2, 1961,  
pp 148-156.

Data: "Clay Minerals Occuring on the Fissures of Granite at Dunajovice  
in Southern Moravia."

Authors: SLANSKY, Ervin /presumably/ Central Institute of Geology (Ustredni  
geologicky ustav), Prague.

SLANSKA, Jarmila /presumably/ Geological Surveying National Enter-  
prise (Geologicky pruzkum n.p.), Prague.

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SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Vestník Ustředního Ústavu Geologického, Vol XXXVI, No 5, June 1961, pp 413-414.

Data: "The Second Conference on the Mineralogy and Petrography of Clay Minerals."

GPO 981643

1  
CZES OSLOVANIA

SHANSHI, J; CROCH, F.

Chair of Geochemistry, Mineralogy and Crystallography of  
Charles University (Katedra geochemie, mineralogie  
a krystalografie Karlovy university), Prague (for both)

Prace, Ústavu pro mineralogii a geologii, No 4, 1 63,  
pp 362-365

"Verulenite from Stupna near Krenze in Southern Bohemia."

pp 363-364

"On the Loam Mineral Amarsocite."



BOUSKA, Vladimír; SLANSKY, Ervin

Development of mineralogy and crystallography at Cambridge  
University in England in the years 1808-1931. Cas min geol 8  
no.3:300-302 J1 '63.

SLANSKY, Ervin

On the clay mineral ammerscoit. Cas min geol 8 no.4:363-364  
0 '63.

BLANSKY, Frantisek, Frantisek

Vermiculite from Stupna near Kremze in southern Bohemia Gas min  
geol 8 no.4:382-385 O '63.

i. Chair of Geochemistry, Mineralogy and Crystallography, Charles  
University, Prague.

SLANSKY, Ervin

"The X-ray identification and crystal structures of clay minerals" by G. Brown. Reviewed by Ervin Slansky. Vest Ust  
geol 38 no.3:188 My '63.

CECH, Frantisek; SLANSKY, Ervin

"The system of mineralogy of J.D.Dana, E.S.Dana" by C.Fronzel.  
Vol. 3. Reviewed by Frantisek Cech, Ervin Slansky. Cas min geol  
9 no. 1:25-26 '64.

Stankov, J.

Fourth General Assembly and Congress of the International Union  
of Crystallography in Rome. Gas min pool 9 no.3:369-370 '64.

1. Mineralogical Institute, Czechoslovak Academy of Sciences, Prague.

KRALIK, Miroslav; SLANSKY, Ervin

Problem of laterites in the Mezoun area near Prague. Cas min geol  
9 no.3:273-280 '64.

1. Geologicky pruzkum National Enterprise, Prague and Geological  
Institute of the Czechoslovak Academy of Sciences, Prague.

CLANCK, Ervin

Symposium "The use of geological and topographic methods in  
research and technique" in Berlin. Gas min geol / no. 4/1964.  
500 '64.

1. Geological Institute of the Czechoslovak Academy of Sciences,  
Prague. Submitted May 11, 1964.



CZECHOSLOVAKIA

REHALIK, M; SLATNY, J.

1. Geological Department (Geologicky pruzkum), Prague; 2. Geological Institute CSAV (Geologicky ustav CSAV), Prague

Prague, Sbornik pro mineralogii a geologii, No 3, 1964, pp 273-279

"Laterites in the Environs of Mezoun near Prague."

CZECHOSLOVAKIA

SLANSKY, E.

Geological Institute CSAV (Geologický ústav CSAV), Prague

Prague, Časopis pro mineralogii a geologii, No 4, 1964, pp 499-500

"Symposium on 'Modern Mineralogical and Crystallographic Methods in Research and Technics' in Berlin."

SLANSKY, J.

Equipment for cereal and seed cleaning manufactured by Heid, Austria.  
P. 157

TECHNIKA VÝKUPU, MLYNÁŘSTVÍ A PEKÁŘSTVÍ. (Ministerstvo postravnářství  
Československé republiky, Praha, Československo, Vol. 5, no. 4, Apr. 1959)

Monthly List of Plant Breeding and Selection (M. L. S.), Vol. 5, no. 4, 1960

1960.

VRBOVA, Kveta; SLANSKY, Jiri

Course of the epidemic of so-called Asian influenza in children during 1957-58. Cesk.pediat. 15 no.1:25-29 Ja '60.

1. Thomayerova nemocnice v Praze 14, oddeleni detske interny, prednosta prim. dr. E. Kratkova.  
(INFLUENZA ASIAN in inf.& child.)

SLANSKY, Jiri

Dystrophy of the extremities precipitated by porencephalia in a  
9-year-old girl. Cesk. pediat. 16 no.11;1015-1016 N '61.

1. Detske interni oddeleni Thomayerovy nemocnice v Praze 4,  
prednosta prim. MUDr. E. Kratkova.  
(CEREBRAL CORTEX dis) (EXTREMITIES dis)

SLANSKY, J.; PRAGEROVA, V.

Late manifestations of traumatic cyst of the CNS in an 11-year-old girl. Cesk. pediat. 16 no.12:1105-1107 D '61.

1. Detske interni oddeleni Thomayerovy nemocnice v Praze 4, prednosta dr. E. Kratkova Neurologicke oddeleni Thomayerovy nemocnice v Praze 4, prednosta doc. dr. J. Simek.

(CENTRAL NERVOUS SYSTEM wds & inj)

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Pediatric Internal Department, Thomayer Hospital (Detske interni oddeleni  
Thomayerovy nemocnice) Director: Dr E. KRATKOVA, Prague / Kre

Sources: Prague, Prakticky Lekar, Vol 11, No 15-16, Aug 21, 1961; pp 668-672

Data: "About the Question of Poisonings in Children"

SLANSKY, Jiri

SAMANKOVA, Vlasta

888 281643

FREINDL, L.; NIEWODNICZANSKI, H.; NURZYNSKI, J.; SLAPA, M.; STRZALKOWSKI, A.

Elastic scattering of 12.8 MeV deuterons on some light nuclei.  
Inst fiz jadr report no.203:1-19 '62.

1. Institut Fizyki Jadrowej, Krakow.



L 09211-67  
ACC NR: KP7002755

SOURCE CODE: PO/0046/66/011/005/0359/0367

AUTHOR: Chwaszczewska, Janina--Khvashchevska, Ya.; Freindl, Ludwik--Frendl', L.;  
Karcz, Waldemar--Karch, V.; Przyborski, Wincenty--Przyborski, W.; Slapa, Mieczyslaw

ORG: [Chwaszczewska; Przyborski] Institute of Nuclear Research, Swierk; [Freindl]  
Institute of Nuclear Physics, Krakow; [Karcz] Institute of Physics, Jagellonian  
University, Krakow; [Slapa] Central Laboratory for Radiological Protection, Warsaw.

TITLE: Semiconductor system for charged particles identification

SOURCE: Nukleonika, v. 11, no. 5, 1966, 359-367

TOPIC TAGS: particle counter, radiation counter

ABSTRACT: A system consisting of two semiconductor counters of types dE/dx and E ..  
was built to separate particles from nuclear reactions. The properties of this  
system were checked by detection of products of reactions induced by 24.8 Mev alpha  
particles and 12.4 Mev deuterons on Au, C, and Ca nuclei. The authors thank  
Professor H. Niewodniczaniski and Professor B. Buras for their interest in this  
work. The authors also thank Doctor K. Grotowski, Doctor A. Strzalkowski and  
Doctor A. Budzanowski for their advice and encouragement throughout the progress  
of this work. They give special thanks to Cyclotron Operation Staff for running  
the machine. Orig. art. has: 13 figures. [Orig. art. in Eng.] [NA]

SUB CODE: 18 / SUBM DATE: 09Dec65 / ORIG REF: 003 / OTH REF: 004

Card 1/1 *Me*

*0925 1629*

26831  
P/048/61/008/007/008/008  
D249/D302

The inert gas...

apparatus (of Gl. capacity) is shown in Fig. 1 The gas circulates through a steel column (1) containing a number of copper trays (2) holding Ca and Mg shavings, through horizontal pipes (3,4), valves (5,6,7,8) and a detector (9). A manometer (10) and vacuum gauges (11) are provided. The trays, which are perforated to facilitate gas flow, are held in good thermal contact with the wall by means of phosphor-bronze springs. The filter column itself is heated with a W resistance element (15), wound non-uniformly to give even distribution of temperature, measured with a resistance thermometer (18) which is connected to a thermoregulator (19). The apparatus, which may be used at up to 10 atm., must be thoroughly out-gassed by flushing with argon at a few atmospheres for 5 hours and pumping out before operation. The degree of purification depends on the filter temperature, time of purification, gas pressure and the absorbing metals. The effects of these 4 parameters were investigated with a grid ionization chamber. For high concentrations of impurities, it is sufficient to measure the pulse amplitude as a function of the purification time at a constant temperature. Pulse height increases with increasing purity of the gas to a maximum of 99.99%. To assess higher purities, it is necessary to measure the pulse height v. voltage applied on the chamber when a plateau is reached at 99.99%. Abstractor's note: Figures given appear inconsistent. The grid

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P/048/61/006/007/006/008  
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The inert gas...

consisted of two 0.09 mm W wires spaced 2.1 mm apart, mounted 49 and 10 mm from the anode and the collector respectively. 6% resolutions were obtained with this apparatus for x-particles from natural U (4.20 and 4.76 Mev). Using Ca filters and commercial argon at 3 atm., the purifications were attained after ~ 1 hr. at 320°C, ~ 2½ hrs. at 280°C and ~ 5 hrs. at 250°C. Lower purity was achieved at 210°C under the same conditions. Using Ca 10% Mg in filter trays at the same pressure of argon, the purifications required ~ 1½ hrs. at 250°C and ~ 3 hrs. at 210°C. The measurements with argon at 9 atm. showed that the time of purification (~ 3½ hrs.) is roughly proportional to the gas pressure. The temperature and filter material used in the last experiment are not given. The amount of used Ca was 22 gr. [Abstractor's note: Presumably per operation]. The authors express their gratitude to Professor H. Niewodniczański and to A. Budzanewski and Z. Wronski for their support and assistance. There are 8 figures and 4 references: 2 Soviet bloc and 2 non-Soviet-bloc. The 2 references to English-language publications read as follows: U. Facchini and A. Holviein, Nucleonics, 13, 36 (1955); L. Herwig, G. Miller and N. Utterback, Rev. Sci. Inst., 26, 929, (1955).

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P/046/61/006/007/006/008  
D249/D302

The inert gas...

ASSOCIATION: Polish Academy of Sciences, Institute of Nuclear Physics,  
Cracow

SUBMITTED: May, 1961

Fig. 1. Diagrammatic sketch of the inert gas purifier

1: a filter column; 2: trays with calcium splints; 3,4: horizontal pipes;  
5,6,7,8: valves; 9: detector; 10: manometer; 11: vacuum gauge; 12: central  
rod; 13: upper lid; 14: copper sealing; 15: heater; 16: asbestos thermal  
isolation; 17: steel protector; 18: resistance thermometer; 19: thermoregu-  
lator; 20,21: water-cooling connections.

Card 4/5

FREINDL, L.; NIEWODNICZANSKI, H.; NURZYNSKI, J.; SLAPA, M.; STRZALKOWSKI, A.

Elastic scattering of 12.8 MeV deuterons on some light nuclei.  
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1. Institute of Nuclear Physics, Krakow.

KHVASHCHEVSKA, YANINA [Chwaszczewska, Janina]; DAKOVSKI, Mirosław [Dakowski, Mirosław]; DOMBROVSKI, Andzej [Dabrowski, Andrzej]; SOVIN'SKI, Mieczysław [Sowinski, Mieczysław]; SLAPA, Mieczysław [Slapa, Mieczysław].

Silicon surface-barrier detector with a guard ring and possibilities of applying it. Nukleonika 9 no.1:11-18 '64

1. Institut yadernykh issledovaniy, Varshava-Sverk, 2. Varshavskiy universitet, Varshava (for Dombrovski). 3. Institut yadernoy fiziki, Krakov (for Slapa).

SLAPAK, A.

"By not allowing engines to become rusty hard work is avoided." (p. 257).  
ZELEZNICE (Železniční vydavatelství) Praha, Vol 3, No 11, 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

SLAPAK, E. I.

"Some Biological and Biochemical Factors of the Vagina in Trichomonadic Colpitis." Central Inst for Improvement of Doctors' Skills, Moscow, 1955. (Dissertation for the Degree of Candidate in Medical Sciences)

SO: M-955, 16 Feb 56



INDRA, Ladislav; SHLAPAK, Frantisek [Slapak, Frantisek]; POLYAK,  
M.U., otv. red. OBRAZTSOVA, Ye.A., red.

[High-frequency KNK-6S telephone equipment for use in rural  
areas] Apparatura vysokochastotnogo telefonirovaniia KNK-6S  
dlia sela; informatsionnyi sbornik. Moskva, Sviaz', 1965.  
53 p. (MIRA 18:4)

ANDRONOV, L., dotsent; KOTOV, M., ispolnyayushchiy obyazannosti dotsenta;  
SLAPAK, M., starshiy prepodavatel'

"Organization of storage operations in sea harbors." B.G.  
Prikhod'ko. Reviewed by L.Andronov, M.Kotov, M.Slapak. Mor.  
flot 23 no.2:41-42 F '63. (MIRA 16:2)

1. Odesskiy institut inzhenerov morskogo flota.:  
(Harbors) (Warehouses) (Prikhod'ko, B.G.)

VINNIK, Pavel Yakovlevich; SLAPAK, Mariya Mikhaylovna; MOSHAROVA,  
T.P., red.; USAKOVA, N.B., tekhn. red.

[Transportation and over-all mechanized reloading of cement  
in bulk] Opyt perevozki i kompleksno-mekhanizirovannoi pere-  
gruzki iserenta nasyp'iu. Moskva, Izd-vo "Morskoi transport"  
1963. 64 p. (MIRA 16:12)

(Cement--Transportation)

L 26199-66 EWP(w)/EWP(k) IJP(c) EM

ACC NR: AP6014780

SOURCE CODE: CZ/0090/66/000/002/0242/0284 33

AUTHOR: Kovarik, V. (Engineer, Candidate of sciences); Slapak, P. (Docent, Engineer, Candidate of sciences)

ORG: Building Research Institute, Technical University, Prague

TITLE: Cylindrical bending of sandwich plates (small-deflection theory)

SOURCE: Ceskoslovenska akademie ved. Acta technica, no. 2, 1966, 242-284

TOPIC TAGS: mechanics, stress analysis, sandwich structure, cylindrical bending, small deflection theory

ABSTRACT: A linear solution of the cylindrical flexure of a sandwich plate is presented. The formulation of the problem is based on a previous work by the authors (Acta technica CSAV no. 1, 1966) dealing with the nonlinear problem of cylindrical flexure of sandwich plates. Two basic theories are derived for plates with rigid and light-weight cores. Chapter 1 discusses the bending of an orthotropic asymmetric sandwich plate of infinite length with a rigid core. Expressions are derived for the components of displacement strains and stresses as well as for the elementary longitudinal and shear forces and moments per unit length. These expressions contain three unknown displacement functions which are determined from the equilibrium conditions of elementary forces described by a system of three differential equations. This system is reduced to a simple fourth-order equation with constant

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coefficients which is solved by quadratures by introducing a displacement function  $w$ . The maximum extreme values of stress components and the boundary conditions are also expressed in terms of  $w$ . Examples of solutions are given for a uniformly loaded plate of infinite length with the following types of edge support: 1) fixed hinge along one edge and movable hinge along the other; 2) fixed hinges along both edges; and 3) built-in edges. A uniformly loaded symmetrical plate with hinged edges is also discussed, and the effect of geometric parameters on the flexural and normal stresses is examined and illustrated by diagrams, as well as the difference between statically and kinematically allowable values of the shear stresses. The effect of shearing strains on deflection and normal stresses is pointed out. Chapter 2 is devoted to plates with physically and geometrically asymmetrical faces and a light compressible core. Two differential equations are derived which describe the flexure of this plate; they are reduced to a single differential equation with appropriate boundary conditions (for simply supported and built-in edges). An example is given to illustrate the theory. The case of a plate with symmetrical outer layers and a light core is also discussed and a sample solution is given. A number of examples are given to compare the results and to show the limitations of validity of approximation theory and the results are tabulated for a simply supported, uniformly loaded plate. The third chapter contains some remarks on possible applications of the approximate theory and lines for its further theoretical research. [VK]

SUB CODE: 20/ SUBM DATE: 25Nov65/ ORIG REF: 004/ OTH REF: 002/ ATD PRESS: 4252

Card 2/2

DUNDROVA, Vera, inz. CSc.; KOVARIK, Vaclav, inz. CSc.; SLAPAK, Pavel, inz. CSc.

Application of new theories of sandwich plate bending. Stav  
cas 12 no.10:622-640 '64.

1. Institute of Building of the Czech Higher School of Technology,  
Prague. Submitted February 1, 1964.

L 50214-65 EWT(d)/EWP(w)/EWA(d)/EWP(k) Pf-4 EM

AM5012938

BOOK EXPLOITATION

CZ/ 20  
18

Dundrova, Vera (Engineer; Candidate of Sciences); Kovarik, Vaclav  
(Engineer; Candidate of Sciences); Slapak, Pavel (Engineer;  
Candidate of Sciences)

B+

Theory of bending of sandwich plates<sup>24</sup> (Teorie ohybu sendvicovych  
desek), Prague, Nakladatelstvi Ceskoslovenske akademie ved, 1965,  
274 p. illus., biblio., index. Errata slip inserted. 1500  
copies printed.

TOPIC TAGS: sandwich plate, sandwich plate theory, sandwich plate  
bending, sandwich plate bending theory, variational method<sup>26</sup>

PURPOSE: This book can be used by engineers working in the field  
of sandwich construction<sup>24</sup>, by designers using sandwich plates as  
structural components, and students in schools of higher technical  
education.

COVERAGE: The content of the book can be divided into two parts:  
1) development of the theory of stress and strain of sandwich  
plates subjected to bending (Chapters 2 to 5), and 2) the use of

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mathematical methods (variational, numerical, application of series) in solving particular problems, and evaluation of the range of applicability of the theory developed (Chapters 6 to 10). The breakdown is evident from the table of contents. No personalities are mentioned. There are 92 references: 46 English, 34 Russian, 5 Czech, 4 German, 2 Dutch, and 1 Bulgarian.

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SUBMITTED: 0000065

NO REF SOV: 033

OTHER: 059

Card 6/6

ACC NR: AP6036348

SOURCE CODE: CZ/0090/66/000/005/0589/0630

AUTHOR: Slapak, Pavel (Docent; Engineer; Candidate of sciences); Kovarik, Vaclav (Engineer; Candidate of sciences)

ORG: Czechoslovak College of Technology, Prague-Dejvice (Tschechische Technische Hochschule)

TITLE: On the stability of sandwich plates. Part. I. Cylindrical buckling of sandwich plates

SOURCE: ČSAV. Acta technica, no. 5, 1966, 589-630

TOPIC TACS. sandwich structure, structure stability, buckling, eigenvalue, potential energy, stability loss, wrinkling

ABSTRACT: The present paper consists of three chapters concerning basic types of one-dimensional stability problems of sandwich plates: buckling (total loss of stability) and wrinkling (loss of stability of the outer layers only). Chapter I deals with the buckling of sandwich plates with rigid cores. In the core, which is assumed to be transversally incompressible, both the shearing and the normal stresses are

Card 1/2

DUNDROVA, Vera, inz., CSc.; KOVARIK, Vaclav, inz., CSc.; SLAPAK, Pavel, inz.,  
CSc.

Some problems of the theory of sandwich plates. Stav cas 11  
no.5:313-331 '63.

1. Ustav teoreticke a aplikovane mechaniky, Ceskoslovenska  
akademie ved, Praha.

SLAPAK, Pavel, inz., CSc.

"The elasticity theory" by Christo P. Vrbánov. Reviewed by  
Pavel Slapak. Stav cas 11 no.6:414 '63.

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Present problems of the theory of plasticity. Stav cas 12  
no.3:133-143 '64

Formulation of the sandwich beam bending problem. Ibid.:  
194-197

1. Institute of Building, Czech Higher School of Technology,  
Prague. ,



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Ing. inz. Sc.

Theory of sandwich plate bending. Pt.3. Stav cas 12  
no.9.580 '64.

L 45412-66 EWP(k)/EWP(w) IJP(c) EM

ACC NR: AP6019818 (A) SOURCE CODE: CZ/0090/66/000/001/0012/0059

AUTHOR: Kovarik, Vaclav, (Engineer; Candidate of Sciences); Slapak, Pavel,  
(Engineer; Candidate of Sciences)

ORG: Building Research Institute, Technical University, Prague

TITLE: Cylindrical bending of sandwich plates (Finite-deflection theory)

SOURCE: Ceskoslovenska akademie ved. Acta technica, no. 1, 1966, 12-59

TOPIC TAGS: sandwich plate, sandwich plate bending, rigid core plate, light  
core plate, cylindrical bending

ABSTRACT: The paper considers the bending of an infinite strip supported along two opposite edges, with  $x_1 = \text{const}$ , and carrying a load which does not depend on the variable  $x_2$ . Under these conditions the problem becomes one-dimensional. The influence of the variation of some parameters of the plate on the quality of the results is shown. The first chapter of the paper deals with a plate with a rigid core in which both the shearing and normal stresses are taken into account. The

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L 45412-66

ACC NR: AP6019818

second chapter is concerned with plates with a light core which carries over shearing stresses only. Both chapters contain conclusions regarding the applicability of the linear and the non-linear theories. Orig. art. has: 17 figures, 2 tables, and 2 formulas. [KS]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 003/ SOV REF: 003/  
OTH REF: 004/

Card 2/2 hs

L 44615-66 EWP(w)/EWP(k) IJP(c) EM

ACC NR: AT6033130

SOURCE CODE: HU/2504/66/053/03-/0343/0357

AUTHOR: Dundrova, V. (Prague); Kovarik, V. (Prague); Slapak, P.--Shlapak, P. (Prague)

ORG: none

TITLE: Non-linear bending theory for sandwich plates. Part 1: The sandwich plate with very thin external layers

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 53, no. 3-4, 1966, 343-357

TOPIC TAGS: thin plate, approximation method

ABSTRACT: The theory for bending of rectangular sandwich plates with isotropic core and very thin transversely isotropic external layers was developed from Lamé equations solved by a stepwise approximation method. Non-linear conditions existed only in some boundary conditions and the principal equations were all linear. The application of the theory was illustrated with a numerical example. The intermediate and final terms were interpreted in terms of actual physical factors. Thirty-two equations were presented to characterize the relations involved.

Orig. art. has: 3 figures, 32 formulas and 1 table. [Orig. art. in German]  
[JPRS: 36,645]

SUB CODE: 13, 12 / SUBM DATE: 01Jul64

Card 1/1 blg

ACC NR: AP7003778

SOURCE CODE: CZ/0090/66/000/006/0708/0758

AUTHOR: Kovarik, Vaclav (Engineer; Candidate of sciences); Slapak, Pavel  
(Engineer; Candidate of sciences; Docent)

ORG: Building Institute CVUT, Prague

TITLE: The stability of sandwich plates Part 2

SOURCE: Ceskoslovenska akademie ved. Acta technica, no. 6, 1966, 708-758

TOPIC TAGS: sandwich structure, sandwich plate, sandwich plate stability, incompressibility, transverse incompressibility, shear stress, material deformation, material stress

ABSTRACT: Stability theories of sandwich plates with both light and rigid cores are given. In formulating the theories, linear geometrical and physical equations were employed. In chapter I the assumptions of transversal incompressibility, a certain distribution of transversal shear stresses, etc., lead to a certain form of the expressions for the components of displacement. Components of deformation and of stress were also derived. Similarly to the classical theory of homogeneous plates, the concepts of normal and shearing forces, of bending and twist-

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ACC NR: AP7003778

ing moments, are introduced. The formulation of the problem for a plate of general shape is given; the rectangular plate is considered, and results of a series of numerical examples are presented. A simple criterion for a plate of optimum structure is established. Chapter II is subdivided into two parts. In the first a more precise theory for rectangular plates with light cores and comparatively thick outer layers is given. The second part contains a rather simple theory which holds true for the only plates with very thin facings. The results of numerical examples are arranged in tabular form. Orig. art. has: 14 figures, 5 tables, and 167 formulas. [Based on authors' abstract] [WA-52] [KS]

SUB CODE: 13/SUBM DATE: 27Jul66/ORIG REF: 001/SOV REF: 001/  
OTH REF: 005/

Card 2/2

ELAFNER, V.

Research on game and its organization. p. 209 (Sbornik Rada Lesnictvi Vol. 4, no. 4,  
1957 Praha)

SO: Monthly list of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

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528

SLAPANEK, V.



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